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PMC for the Package-1 civil works in Dasarahalli

Summary of Frequencies of Field tests and lab tests conducted

ent :	BRUHAT BANGALORE MAHANAGARA PALIKE
nsultant :	Tejus Consultants
ntractor :	Sri Sai Charan Constructions
me of Work:	Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

Sl no.	Description	Plain Cement Concrete (1:3:6)			
		Quantity Cum	Frequency of Tests	Test required	Test Carried out
I	**Cement**	274.65	OPC 43 Grade		
1	Consistency Test		1 test / sourse of supply	1	1
2	Fineness Test		1 test / sourse of supply	1	1
3	Soundness Test		1 test / sourse of supply	1	1
4	Compressive strenght test				
i	7-days		1 test / sourse of supply	1	1
ii	28-days		1 test / sourse of supply	1	
	Fine aggrigate				
5	Gradation test		1 test / day	6	6
6	Water absorption test		Regular Interval	6	6
	Coarse aggrigate				
7	Gradation test		1 test / day	6	6
8	Water absorption test		Regular Interval	6	6
9	Impact test		1 test / sourse of supply	1	1

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

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Consultancy

Contractor

Assistant Engineer

Assistant Executive Engineer

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ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು-560073

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PMC for the Package-1 civil works in Dasarahalli

Client :	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant :	Tejus Consultants
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CONSISTENCY (CEMENT)

(IS : 4031 (Part-5) -1988)

DE-14

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Date of Tested : 20-09-2021

Sl no.	Description	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
1	Weight of Cement	400	400	400	400	400
2	Percentage of water added (%)	27	29	29.50	30.00	30.50
3	Weight of water (g)	108	114	118.00	117.00	119.00
4	Initial reading of Plunger (mm)	40	40	40	40	40
5	Difference (mm)	21	17	12.90	6.70	5.40

Standard Consistency of Cement is 30.50%

Remarks: Results found Satisfactory

Tested by

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Q.C Engineer
Tejus Consultants

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FINENESS (CEMENT)

(IS : 4031 (Part-5) -1988)

Date of Tested : 20-09-2021

Sl no.	Description	Trial 1	Trial 2	Trial 3
1	Weight of Cement before seive (g)	100	100	100
2	Weight of residue retained on 90mm seive (g)	3.80	3.60	3.70
3	Percentage retained (%)	3.80	3.60	3.70
4	Average Percentage retained (%)	3.70		

Residue of Cement is 3.70%

imum allowable residue by mass of ordinary portland cement is 10%

arks: Results found Satisfactory

Tested by

Q.C. Engineer
Tejus Consultants

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CONSULTANTS

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tractor :	Sri Sai Charan Constructions
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SOUNDNESS (CEMENT)

(IS : 4031 (Part-3) -1988)

Date of Tested : 20-09-2021

Sl no.	Description	Trial 1	Trial 2	Trial 3
1	Initial difference between indicator point of Lechatelier mould	11	10	11
2	Final difference between indicator point of Lechatelier mould	16.00	15.00	15.00
3	Difference or Expansion	5.00	5.00	4.00
4	Average Difference or Expansion (mm)	4.67		

Difference in Expansion of Cement is 4.67mm

mum allowable Expansion of Cement is 10mm

rks: Results found Satisfactory

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-1

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	27-07-2021	03-08-2021	7	8439	150*150*150	2500.44	225	22500	10.00	10.10
2	P2	M-10	27-07-2021	03-08-2021	7	8526	150*150*150	2526.22	227	22500	10.09	
3	P3	M-10	27-07-2021	03-08-2021	7	8481	150*150*150	2512.89	230	22500	10.22	

Remarks:

Tested by

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-2

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	27-07-2021	03-08-2021	7	8439	150*150*150	2500.44	231	22500	10.27	10.25
2	P2	M-10	27-07-2021	03-08-2021	7	8526	150*150*150	2526.22	229	22500	10.18	
3	P3	M-10	27-07-2021	03-08-2021	7	8481	150*150*150	2512.89	232	22500	10.31	

Remarks:

Tested by

Q.C. Engineer
Tejus Consultants

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PMC for the Package-1 civil works in Dasarahalli

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Contractor :	**Sri Sai Charan Constructions**
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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-3

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	28-07-2021	04-08-2021	7	8439	150*150*150	2500.44	230	22500	10.22	10.16
2	P2	M-10	28-07-2021	04-08-2021	7	8526	150*150*150	2526.22	229	22500	10.18	
3	P3	M-10	28-07-2021	04-08-2021	7	8481	150*150*150	2512.89	227	22500	10.09	

Remarks:

Tested by

Q.C. Engineer
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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-4

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	28-07-2021	04-08-2021	7	8439	150*150*150	2500.44	160	22500	7.11	7.04
2	P2	M-10	28-07-2021	04-08-2021	7	8526	150*150*150	2526.22	151	22500	6.71	
3	P3	M-10	28-07-2021	04-08-2021	7	8481	150*150*150	2512.89	164	22500	7.29	

Remarks:

Tested by

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Q.C. Engineer
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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-5

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	30-07-2021	06-08-2021	7	8439	150*150*150	2500.44	157	22500	6.98	6.93
2	P2	M-10	30-07-2021	06-08-2021	7	8526	150*150*150	2526.22	158	22500	7.02	
3	P3	M-10	30-07-2021	06-08-2021	7	8481	150*150*150	2512.89	153	22500	6.80	

Remarks:

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-6

SI No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	30-07-2021	06-08-2021	7	8439	150*150*150	2500.44	157	22500	6.98	6.84
2	P2	M-10	30-07-2021	06-08-2021	7	8526	150*150*150	2526.22	153	22500	6.80	
3	P3	M-10	30-07-2021	06-08-2021	7	8481	150*150*150	2512.89	152	22500	6.76	

Remarks:

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-1

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	28-07-2021	25-08-2021	28	8439	150*150*150	2500.44	231	22500	10.27	10.27
2	P2	M-10	28-07-2021	25-08-2021	28	8526	150*150*150	2526.22	230	22500	10.22	
3	P3	M-10	28-07-2021	25-08-2021	28	8481	150*150*150	2512.89	232	22500	10.31	

Remarks:

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-2

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	28-07-2021	25-08-2021	28	8439	150*150*150	2500.44	234	22500	10.40	10.41
2	P2	M-10	28-07-2021	25-08-2021	28	8526	150*150*150	2526.22	232	22500	10.31	
3	P3	M-10	28-07-2021	25-08-2021	28	8481	150*150*150	2512.89	237	22500	10.53	

Remarks:

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-3

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	27-07-2021	24-08-2021	28	8439	150*150*150	2500.44	229	22500	10.18	10.41
2	P2	M-10	27-07-2021	24-08-2021	28	8526	150*150*150	2526.22	234	22500	10.40	
3	P3	M-10	27-07-2021	24-08-2021	28	8481	150*150*150	2512.89	240	22500	10.67	

Remarks:

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-4

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	27-07-2021	24-08-2021	28	8439	150*150*150	2500.44	235	22500	10.44	10.43
2	P2	M-10	27-07-2021	24-08-2021	28	8526	150*150*150	2526.22	240	22500	10.67	
3	P3	M-10	27-07-2021	24-08-2021	28	8481	150*150*150	2512.89	229	22500	10.18	

Remarks:

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-5

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	23-07-2021	20-08-2021	28	8439	150*150*150	2500.44	238	22500	10.58	10.53
2	P2	M-10	23-07-2021	20-08-2021	28	8526	150*150*150	2526.22	240	22500	10.67	
3	P3	M-10	23-07-2021	20-08-2021	28	8481	150*150*150	2512.89	233	22500	10.36	

Remarks:

Tested by

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Tejus Consultants

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COMPRESSIVE STRENGTH OF CONCRETE CUBE

(IS: 516-1991)

Sample no-6

Sl No.	Cube	Concrete Grade	Date of casting	Date of testing	Age at test (Days)	Weight (g)	Dimension (LxWxH)	Density (kg/m3)	Max Load (kN)	Area (mm2)	Compressive Strength (N/mm2)	Average sample (N/mm2)
1	P1	M-10	23-07-2021	20-08-2021	28	8439	150*150*150	2500.44	237	22500	10.53	10.68
2	P2	M-10	23-07-2021	20-08-2021	28	8526	150*150*150	2526.22	241	22500	10.71	
3	P3	M-10	23-07-2021	20-08-2021	28	8481	150*150*150	2512.89	243	22500	10.80	

Remarks:

Tested by

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PMC for the Package-1 civil works in Dasarahalli

SEIVE ANALYSIS (FINE AGGREGATES)

(IS : 2386 (Part-1) -1963)

Sample no-1

Description of Material : M-Sand

Date of Tested : 21-09-2021

Weight of Sample : 200

S.No.	IS Seive Size	Weight Retained	Cumulative weight retained	Cumulative Percentage of Retained	Cumulative Percentage of Passing	Governing Spec. Requirements Passing (%)		
		(gm)	(gm)	(%)	(%)	Zone-1	Zone-2	Zone-3
1	10mm	0	0	0	100	100	100	100
2	4.75mm	24	24	12.00	88.00	90-100	90-100	90-100
3	2.36mm	19	43	21.50	78.50	60-95	75-100	85-100
4	1.18mm	35	78	39.00	61.00	30-70	55-90	75-100
5	600um	41	119	59.50	40.50	15-34	35-59	60-79
6	300um	58	177	88.50	11.50	15-20	8-30	12-40
7	150um	17	194	97.00	3.00	0-10	0-10	0-10
8	Pan	6	200	100.00	-	-	-	-
	Total	200						

Gradation Zone of sand : 2

Remarks: Results found Satisfactory

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Tested by

TEJUS CONSULTANTS

Q.C. Engineer
Tejus Consultants

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PMC for the Package-1 civil works in Dasarahalli

ent :	BRUHAT BANGALORE MAHANAGARA PALIKE
nsultant :	Tejus Consultants
ntractor :	Sri Sai Charan Constructions
me of rk :	Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

SEIVE ANALYSIS (FINE AGGREGATES)

(IS : 2386 (Part-1) -1963)

Sample no-2

scription of Material : M-Sand

Date of Tested : 21-09-2021

Weight of Sample : 200

S.No.	IS Seive Size	Weight Retained	Cumulative weight retained	Cumulative Percentage of Retained	Cumulative Percentage of Passing	Governing Spec. Requirements Passing (%)		
		(gm)	(gm)	(%)	(%)	Zone-1	Zone-2	Zone-3
1	10mm	0	0	0	100	100	100	100
2	4.75mm	22	22	11.00	89.00	90-100	90-100	90-100
3	2.36mm	18	40	20.00	80.00	60-95	75-100	85-100
4	1.18mm	39	79	39.50	60.50	30-70	55-90	75-100
5	600um	19	98	49.00	51.00	15-34	35-59	60-79
6	300um	60	158	79.00	21.00	15-20	8-30	12-40
7	150um	35	193	96.50	3.50	0-10	0-10	0-10
8	Pan	7	200	100.00	-	-	-	-
	Total	200				Gradation Zone of sand :		2

emarks: Results found Satisfactory

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Q.C. Engineer
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TEJUS CONSULTANTS
No. 58, 3rd main, 6th Cross, 1st Stage KHB Colony, Basaveshwaranagar, Bangalore - 560079. O : +91 80 23287502

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PMC for the Package-1 civil works in Dasarahalli

Client :	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant :	Tejus Consultants
Contractor :	Sri Sai Charan Constructions
Name of Work :	Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

SEIVE ANALYSIS (FINE AGGREGATES)

(IS : 2386 (Part-1) -1963)

Sample no-3

Description of Material : M-Sand

Date of Tested : 21-09-2021

Weight of Sample : 200

S.No.	IS Seive Size	Weight Retained (gm)	Cumulative weight retained (gm)	Cumulative Percentage of Retained (%)	Cumulative Percentage of Passing (%)	Governing Spec. Requirements Passing (%)		
						Zone-1	Zone-2	Zone-3
1	10mm	0	0	0	100	100	100	100
2	4.75mm	13	13	6.50	93.50	90-100	90-100	90-100
3	2.36mm	26	39	19.50	80.50	60-95	75-100	85-100
4	1.18mm	17	56	28.00	72.00	30-70	55-90	75-100
5	600um	30	86	43.00	57.00	15-34	35-59	60-79
6	300um	60	146	73.00	27.00	15-20	8-30	12-40
7	150um	45	191	95.50	4.50	0-10	0-10	0-10
8	Pan	9	200	100.00	-	-	-	-
	Total	**200**			**Gradation Zone of sand :**			**2**

Remarks: Results found Satisfactory

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PMC for the Package-1 civil works in Dasarahalli

	BRUHAT BANGALORE MAHANAGARA PALIKE
:	Tejus Consultants
:	Sri Sai Charan Constructions
	Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

SEIVE ANALYSIS (FINE AGGREGATES)

(IS : 2386 (Part-1) -1963)

Sample no-4

of Material : M-Sand

Date of Tested : 21-09-2021

Weight of Sample : 200

IS Seive Size	Weight Retained	Cumulative weight retained	Cumulative Percentage of Retained	Cumulative Percentage of Passing	Governing Spec. Requirements Passing (%)		
	(gm)	(gm)	(%)	(%)	Zone-1	Zone-2	Zone-3
10mm	0	0	0	100	100	100	100
4.75mm	20	20	10.00	90.00	90-100	90-100	90-100
2.36mm	22	42	21.00	79.00	60-95	75-100	85-100
1.18mm	29	71	35.50	64.50	30-70	55-90	75-100
600um	35	106	53.00	47.00	15-34	35-59	60-79
300um	66	172	86.00	14.00	15-20	8-30	12-40
150um	19	191	95.50	4.50	0-10	0-10	0-10
Pan	9	200	100.00	-	-	-	-
Total	200			Gradation Zone of sand :			2

Results found Satisfactory

Tested by

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PMC for the Package-1 civil works in Dasarahalli

	BRUHAT BANGALORE MAHANAGARA PALIKE
:	Tejus Consultants
:	Sri Sai Charan Constructions
	Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

SEIVE ANALYSIS (FINE AGGREGATES)

(IS : 2386 (Part-1) -1963)

Sample no-5

Description of Material : M-Sand

Date of Tested : 18-09-2021

Weight of Sample : 169

Sl.No.	IS Seive Size	Weight Retained	Cumulative weight retained	Cumulative Percentage of Retained	Cumulative Percentage of Passing	Governing Spec. Requirements Passing (%)		
		(gm)	(gm)	(%)	(%)	Zone-1	Zone-2	Zone-3
1	10mm	0	0	0	100	100	100	100
2	4.75mm	20	20	11.83	88.17	90-100	90-100	90-100
3	2.36mm	15	35	20.71	79.29	60-95	75-100	85-100
4	1.18mm	23	58	34.32	65.68	30-70	55-90	75-100
5	600um	40	98	57.99	42.01	15-34	35-59	60-79
6	300um	32	130	76.92	23.08	15-20	8-30	12-40
7	150um	32	162	95.86	4.14	0-10	0-10	0-10
8	Pan	7	169	100.00	-	-	-	-
	Total	169			Gradation Zone of sand :			2

Remarks: Results found Satisfactory

Tested by

Q.C. Engineer
Tejus Consultants

Scanned with CamScanner

PMC for the Package-1 civil works in Dasarahalli

TEJUS CONSULTANTS

BRUHAT BANGALORE MAHANAGARA PALIKE

Consultant : Tejus Consultants

Contractor : Sri Sai Charan Constructions

Name of work : Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

SEIVE ANALYSIS (FINE AGGREGATES)

(IS : 2386 (Part-1) -1963)

Sample no-6

Description of Material : M-Sand

Date of Tested : 18-09-2021

Weight of Sample : 200

Sl.No.	IS Seive Size	Weight Retained	Cumulative weight retained	Cumulative Percentage of Retained	Cumulative Percentage of Passing	Governing Spec. Requirements Passing (%)		
		(gm)	(gm)	(%)	(%)	Zone-1	Zone-2	Zone-3
1	10mm	0	0	0	100	100	100	100
2	4.75mm	18	18	9.00	91.00	90-100	90-100	90-100
3	2.36mm	25	43	21.50	78.50	60-95	75-100	85-100
4	1.18mm	20	63	31.50	68.50	30-70	55-90	75-100
5	600um	43	106	53.00	47.00	15-34	35-59	60-79
6	300um	66	172	86.00	14.00	15-20	8-30	12-40
	150um	24	196	98.00	2.00	0-10	0-10	0-10
	Pan	4	200	100.00	-	-	-	-
	Total	200			Gradation Zone of sand :			2

Results found Satisfactory

Tested by

TEJUS CONSULTANTS

Q.C. Engineer

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PMC for the Package-1 civil works in Dasarahalli

BRUHAT BANGALORE MAHANAGARA PALIKE

Tejus Consultants

Sri Sai Charan Constructions

Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

SEIVE ANALYSIS (COARSE AGGREGATES 40MM & DOWN)

(IS : 2386 (Part-1) -1997)

Sample no-1

(gms) :	5000			Date of Tested :	21-09-2021
Size	Wt.of sample Retained (gm)	Cumulative wt Retained (gm)	Percentage of wt. Retained (%)	Percentage of wt. Passing	Permissible value
	0	0	0	100.00	100.00
	105	105	2.10	97.90	95-100
	1750	1855	37.10	62.90	30-70
	1550	3405	68.10	31.90	.10-35
	1450	4855	97.10	2.90	0-5
	145	5000	100.00	0.00	-

s found Satisfactory

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PMC for the Package-1 civil works in Dasarahalli

	BRUHAT BANGALORE MAHANAGARA PALIKE
ultant :	**Tejus Consultants**
ractor :	**Sri Sai Charan Constructions**
e of Work:	**Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129**

SEIVE ANALYSIS (COARSE AGGREGATES 40MM & DOWN)

(IS : 2386 (Part-1) -1997)

Sample no-2

f Sample (gms) :	5000			Date of Tested :	21-09-2021
IS Sieve Size	**Wt.of sample Retained (gm)**	**Cumulative wt Retained (gm)**	**Percentage of wt. Retained (%)**	**Percentage of wt. Passing**	**Permissible value**
80.00	0	0	0	100.00	100.00
40.00	110	110	2.20	97.80	95-100
20.00	1490	1600	32.00	68.00	30-70
10	2500	4100	82.00	18.00	.10-35
4.75	800	4900	98.00	2.00	0-5
Pan	100	5000	100.00	0.00	-

rks: Results found Satisfactory

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PMC for the Package-1 civil works in Dasarahalli

	BRUHAT BANGALORE MAHANAGARA PALIKE
	Tejus Consultants
	Sri Sai Charan Constructions
Work:	Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

SEIVE ANALYSIS (COARSE AGGREGATES 40MM & DOWN)

(IS : 2386 (Part-1) -1997)

Sample no-3

mple (gms) :	5000			Date of Tested :	29-09-2021
Sieve Size	Wt.of sample Retained (gm)	Cumulative wt Retained (gm)	Percentage of wt. Retained (%)	Percentage of wt. Passing	Permissible value
80.00	0	0	0	100.00	100.00
40.00	100	100	2.00	98.00	95-100
20.00	1697	1797	35.94	64.06	30-70
10	1551	3348	66.96	33.04	.10-35
4.75	1500	4848	96.96	3.04	0-5
Pan	152	5000	100.00	0.00	-

Results found Satisfactory

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